

**ABSTRACT**

A force-on-pedal sensor of the present invention includes a cylindrical substrate (11) whose one end is closed having a hole part (11d) at a center of its side section (11c); and a strain resistance element (13) via an insulating layer  
5 (12) at its side section (11c), a coil spring (15) coaxially inserted from an open end of the substrate (11), an inputting shaft having a stepped part (14a) contacted with one end of the coil spring (15) and inserted in the hole part (11d) in such a manner that a part of the inputting shaft (14) is protruded from the hole part (11d), and a stopper at a position where the inputting shaft (14) is  
10 protruded.